

FIRST STEP
MAX OF
1'-6" DOWN

2'-0" CLEAR
OPENING

CITY OF REDMOND
MANHOLE RING AND COVER
EJIW #00370076 AND
OLYMPIC FOUNDARY MH30
(SEE STANDARD SPECIFICATION 9-05.15(1))

4" MIN (1 RING)
1'-4" MAX (4 RINGS)

GROUT BETWEEN
ADJUSTING RINGS

PLASTER INSIDE
FACING WITH
3/4" GROUT

POLYPROPYLENE
MANHOLE STEPS

48" X 24" OFFSET CONE
ALIGN CONE OPENING AND
LADDER OVER OUTLET PIPE
(TYPE 1 MANHOLE WSDOT
STANDARD PLAN B-15.20-00)

25'-0" MAX

LADDER
(SEE NOTE BELOW)

RUBBER GASKETED,
GROUT ALL JOINTS
CONTINUOUS ON
INSIDE AND OUTSIDE
OF MANHOLE

FILL LIFTING HOLES WITH
NON-SHRINK GROUT

2-5%
SLOPE

CROWN + 0.1'

GRAVEL BACKFILL FOR
PIPE ZONE BEDDING
OR "PEA GRAVEL"

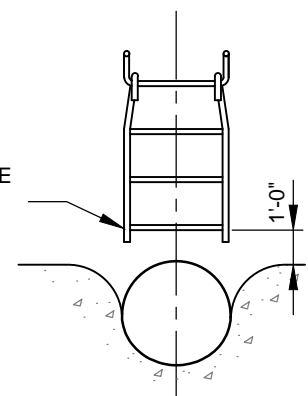
COR-N-SEAL OR
APPROVED EQUAL

6" MINIMUM

CHANNEL DEPTH SHALL BE
3/4 OF THE DIAMETER OF THE
PIPE, PRECAST CHANNELS
SHALL NOT BE USED

SECTION
NTS

USE 3/8" DIA SS
BOLTS TO SECURE
LADDER TO WALL



LADDER
NTS

Scott Thomasson
APPROVED BY: SCOTT THOMASSON
WATER/WASTEWATER ENGINEERING MANAGER

REVISION DATE: MARCH 01, 2017



STANDARD DETAILS

48" STANDARD
SEWER MANHOLE

FILE NAME: SD840.DWG

DETAIL NUMBER: 840